

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. <b>501062.01</b>		APPLICATION NO. <b>09/974,958</b>	
<b>INFORMATION DISCLOSURE STATEMENT</b> <i>(Use several sheets if necessary)</i>				APPLICANT(S) <b>Vernon M. Williams et al.</b>			
				FILING DATE <b>October 10, 2001</b>		GROUP ART UNIT <b>1732 / 1722</b>	
<b>U.S. PATENT DOCUMENTS</b>							
	EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	3,659,821	05/02/72	Sakamoto et al.	249	84	
	AB	3,911,075	10/07/75	Boesch et al.	264	329	
	AC	3,969,461	07/13/76	Boesch et al.	264	163	
	AD	4,653,993	03/31/87	Boschman	425	116	
	AE	4,862,586	09/05/89	Osada	29	827	
	AF	5,071,612	12/10/91	Obara	264	161	
	AG	5,431,854	07/11/95	Pas	264	328.5	
	AH	5,542,171	08/06/96	Juskey et al.	29	840	
	AI	5,961,912	10/05/99	Huang et al.	264	272.15	
	AJ	6,319,450 B1	11/20/01	Chua et al.	264	272.17	
	AK	6,468,361 B1	10/22/02	Cantillep	134	18	
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AL						
	AM						
	AN						
	AO						
<b>OTHER PRIOR ART</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
	AP						
	AQ						
	AR						
EXAMINER 					DATE CONSIDERED <b>4/3/06</b>		
* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).							

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(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
501062.01APPLICATION NO.  
09/974,958**RECEIVED**

MAY 14 2003

MAY 30 2003

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT(S)  
Vernon M. Williams et al.FILING DATE  
October 10, 2001GROUP ART UNIT  
2516 / 722

TC 1700

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>JA</i>	AA	4,132,856	1/2/79	Hutchison et al.	174	<del>52.2</del> 52-PE	—
	AB						
	AC						
	AD						
	AE						
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	AG						
	AH						
	AI						
	AJ						
	AK						

**RECEIVED**  
MAY 16 2003  
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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
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	AO							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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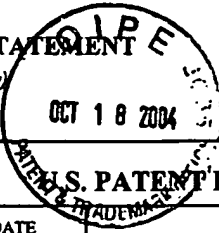
EXAMINER

DATE CONSIDERED

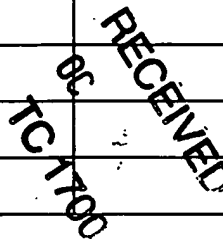
4/3/06

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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>JP</i>	AA	4,504,435	03/12/85	Orcutt	264	272.17	—
<i>JP</i>	AB	4,984,064	01/08/91	Toshio et al.	<del>357</del> 257	<del>80</del> 721	—
<i>JP</i>	AC	6,106,259	08/22/00	Lee et al.	425	116	—
<i>JP</i>	AD	6,194,777 B1	02/27/01	Abbott et al.	257	666	—
<i>JP</i>	AE	6,309,916 B1	10/30/01	Crowley et al.	438	127	—
<i>JP</i>	AF	6,528,000 B2	03/04/03	Yoshiike	264	272.17	—
	AG						
	AH						
	AI						
	AJ						
	AK						



FOREIGN PATENT DOCUMENTS								
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION			
					YES	NO		
<i>JP</i> AL	04324668 A	11/13/92	JP (English Abstract)	—	—	<input checked="" type="checkbox"/>		
<i>JP</i> AM	08222676 A	08/30/96	JP (English Abstract)	—	—	<input checked="" type="checkbox"/>		
<i>JP</i> AN	08264708 A	10/11/96	JP (English Abstract)	—	—	<input checked="" type="checkbox"/>		
AO								

OTHER PRIOR ART <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>	
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EXAMINER <i>[Signature]</i>	DATE CONSIDERED <b>4/3/06</b>
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	AB						
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	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	64-013749	01/18/89	JP (English Abstract)			X	
	AM							
	AN							
	AO							

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EXAMINER

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